



MapleSim™ is an advanced system-level modeling and simulation tool that applies modern techniques to dramatically reduce model development time, provide greater insight into system behavior, and produce fast, high-fidelity simulations.

## The modern approach to physical modeling

### Reduce Development Time

By combining modern physical modeling techniques with the world's most advanced symbolic computation engine, MapleSim offers an environment in which you can develop high-fidelity system-level models significantly faster than with other tools.

- ✓ Easily construct and validate models
- ✓ Create multidomain system-level models
- ✓ Take advantage of revolutionary multibody technology
- ✓ Create custom components easily
- ✓ Customize and expand MapleSim's modeling capabilities

### Develop Better Designs

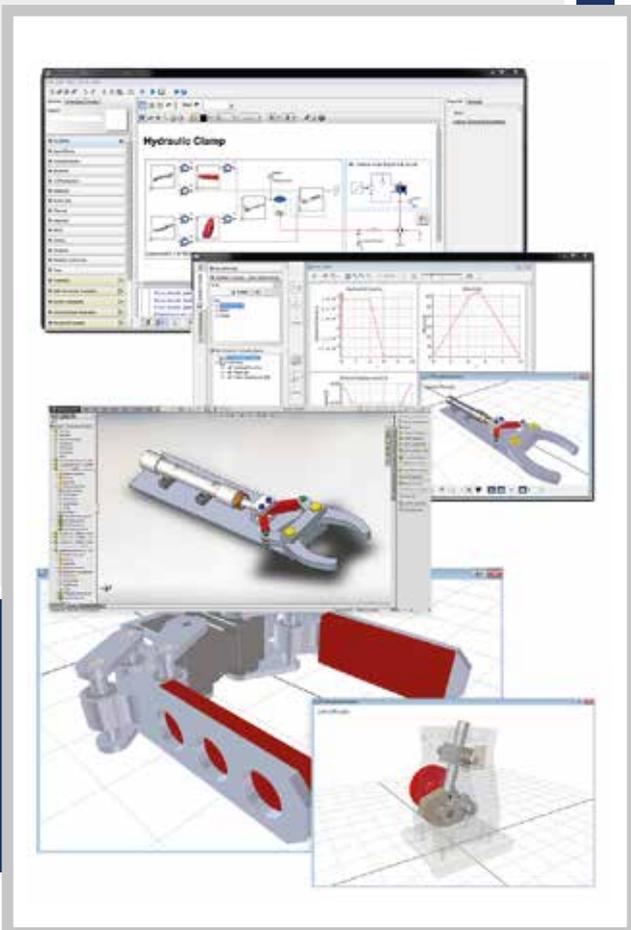
MapleSim, coupled with Maple™, provides a powerful, open analysis environment, giving you all the tools and flexibility you need to refine and optimize your designs.

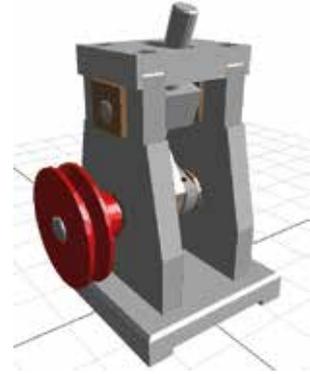
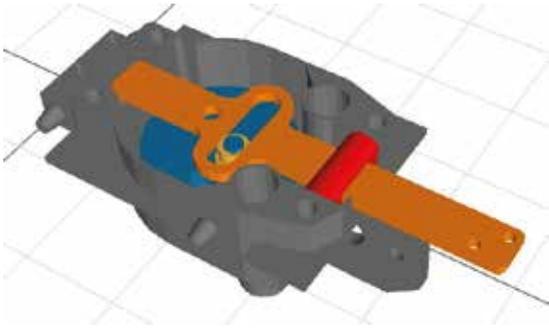
- ✓ Take advantage of an extensive library of built-in analysis tools
- ✓ Leverage automatically generated model equations in full parametric form
- ✓ Perform complicated operations at the click of a button or with a single command
- ✓ Easily script custom analyses
- ✓ Access the underlying equations or Modelica code for components
- ✓ Capture all your project information into a single project file

### Get Extremely Fast Simulation Code

MapleSim's unique technology generates extremely fast, royalty-free model code for optimization and in-the-loop testing. With MapleSim, you can achieve real time the first time, without sacrificing fidelity in your system-level models.

- ✓ Achieve a computationally simpler set of system equations without loss of fidelity
- ✓ Dramatically speed up execution times
- ✓ Automatically generated simulation code that is always royalty-free.
- ✓ Easily integrate code into popular realtime toolchains and other applications





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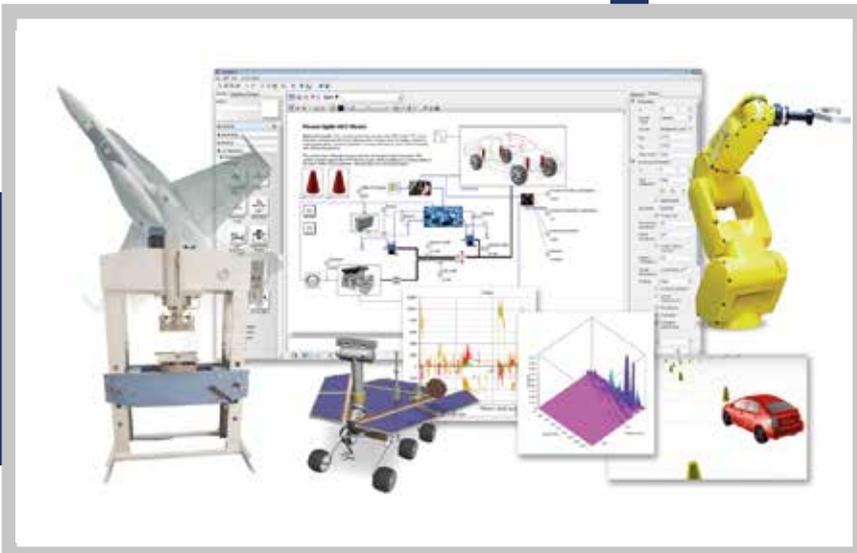
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## About EnginSoft

EnginSoft is an engineering consultancy company with specific expertise in Process Simulation and Optimisation, specialising in engineering analysis supporting the whole design chain. We are dedicated to helping companies improve competitiveness and reliability in product and process development with particular capability in management of 3D tolerances of complex assemblies.

EnginSoft can help you understand the full implications of your part dimensions for your 3D assembly performance, ensuring robust “right first time” design.

For more information visit  
[www.enginsoft.com](http://www.enginsoft.com)



Maplesim is a product of



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